

## Product datasheet for TP300120M

### CNDP2 (NM\_018235) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human CNDP dipeptidase 2 (metallopeptidase M20 family) (CNDP2), 100 µg |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC200120 protein sequence<br>Red=Cloning site Green=Tags(s)                                  |

MAALTTLFKYIDENQDRYIKKLAKWVAIQSVSAWPEKRGEIRRMMEVAAADVQQLGGSVELVDIGKQKLP  
DGSEIPLPPILLGRLGSDPQKKTVCYGHLDVQPALEDGWSEPFLLVERDGKLYGRGSTDDKGPVAGW  
INALEAYQKTGQEIPVNVRFCLGMEESGSEGLDELIFARKDTFFKDVDYVCISDNWYLGKKKPCITYGL  
RGICYFFIEVECSNKDLHSGVYGGSVHEAMTDLILLMGS�VDKRGNILIPGINEA VAAVTEEEHKLYDDI  
DFDIEEFKDVGAQILLHSHKDDILMHRWRYPSSLHGHIEGAFSGGAKTVIPRKVVGKFSIRLVPNMTP  
E VVGEQVTSYLTKKFAELRSPNEFKVYMGHGGKPWVSDFSHPHYLGRRAMKTVFGVEPDLTREGGSIPV  
TLTFQEATGKNVMLLPVGSADDGAHSQNEKLNRYNYIEGTKMLAAYLYEVSQKLD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

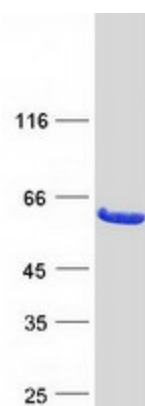
|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 52.7 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| Note:          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:       | Store at -80°C.  |
| Stability:     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.        |



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|                   |  |
|-------------------|--|
| RefSeq:           | <a href="#">NP_060705</a>  |
| Locus ID:         | 55748  |
| UniProt ID:       | <a href="#">Q96KP4</a>   |
| RefSeq Size:      | 5089   |
| Cytogenetics:     | 18q22.3  |
| RefSeq ORF:       | 1425   |
| Synonyms:         | CN2; CPGL; HEL-S-13; HsT2298; PEPA   |
| Summary:          | CNDP2, also known as tissue carnosinase and peptidase A (EC 3.4.13.18), is a nonspecific dipeptidase rather than a selective carnosinase (Teufel et al., 2003 [PubMed 12473676]). [supplied by OMIM, Mar 2008] |
| Protein Families: | Protease   |

### Product images:



Coomassie blue staining of purified CNDP2 protein (Cat# [TP300120]). The protein was produced from HEK293T cells transfected with CNDP2 cDNA clone (Cat# [RC200120]) using MegaTran 2.0 (Cat# [TT210002]).